

**National Health and Nutrition  
Examination Survey 2003-2004**



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## **Documentation, Codebook, and Frequencies**

**MEC Exam Component: Lower  
Extremity Disease – Peripheral  
Neuropathy Examination Data**

**Survey Years:  
2003 to 2004**

**SAS Export File:  
LEXPN\_C.XPT**

**December 2005**

## NHANES 2003–2004 Data Documentation

### Exam Component: Peripheral Neuropathy (PN) Section of the Lower Extremity Disease Examination (LEXPN\_C)

Years of Coverage: 2003–2004

First Published: December 2005

Last Revised: N/A

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<b>Component Description</b>	The Lower Extremity Disease Examination data will be used to determine the prevalence of lower extremity disease in the U.S. population (diagnosed and undiagnosed), including those at high risk for the late complications of the disease (i.e., ulceration and amputation). The major manifestations of lower extremity disease are peripheral vascular disease and peripheral neuropathy. The Ankle Brachial Blood Pressure Index (ABPI) section of the Lower Extremity Disease component collects data on peripheral vascular disease, and the Peripheral Neuropathy (PN) section of the Lower Extremity Disease component collects data on peripheral neuropathy. The following documentation provides information on the PN section. Please refer to the LEXAB_C data file, codebook, and documentation for information on the ABPI section.
<b>Eligible Sample</b>	<p>Participants 40 years of age and older are asked to participate in the PN Section of the Lower Extremity Disease examination.</p> <p>Persons are excluded from the exam if they have a bilateral amputation or weigh over 400 pounds (due to equipment limitations). Additionally, some persons who were eligible for the exam (40 years of age and older) might not have received the exam due to the following multiple reasons: 1) casts, ulcers, dressings, or other conditions of the participant interfered with testing; 2) participant could not understand the test instructions; 3) participant became ill and the test could not be performed; 4) there was an equipment failure; 5) participant refused; 6) participant came late or left early from the MEC and the LED exam could not be performed; or 7) some other reason. As a result, these eligible persons will have missing data for the PN variables. The variable LEDSCCT1 may be used to identify reasons for missing data (refer to the Analytic Notes section of this documentation for further details on the LEDSCCT1 variable). Because of participant confidentiality and data disclosure concerns, this file does not identify persons with a bilateral amputation. However, information on right or left amputations of the feet and toes is recorded in variables LEALAMP and LEARAMP.</p>

## **Protocol and Procedure**

The PN exam was performed by trained health technicians in a specially equipped room in the mobile examination center (MEC). Participants lie supine on the exam table during the exam. Health technicians use a standard monofilament (5.07 Semmes-Weinstein nylon monofilament mounted on a plastic handle, delivering an approximately 10-gram filament force) to apply slight pressure to the bottom of each of the participant's feet at the following three sites: 1) plantar-first metatarsal head, 2) plantar-fifth metatarsal head, and 3) plantar-hallux. The sites are tested in a nonsequential order to allow for better discrimination of sensation by the examinee.

Health technicians read the following standard script (English version) to the participant prior to application of the monofilament:

"I want to test the sensation or sense of touch on the bottom of your feet. To do this test, I will use this small filament to apply pressure to different spots on your foot. It is not sharp and will not break the skin. "

"As I apply the pressure I will be saying 'A, B' and I will be applying the pressure either as I am saying 'A' or as I am saying 'B'. I want you to tell me whether you felt the pressure when I said 'A' or when I said 'B'. Let me demonstrate on your arm."

"Do you understand?"

This method presents the examinee with a choice between an interval of stimulus from the monofilament and a second interval of background with no stimulus. The choice is to identify in which interval the stimulus occurred, not whether or not it occurred. The computer randomly generates the interval in which the stimulus is applied.

If the first response at any site is correct, the test is not repeated at that site. If the examinee cannot correctly identify the interval in which the stimulus was applied (incorrect or 'unable to determine' response), the test is repeated at that site up to two times until a total of two similar responses are obtained (incorrect and 'unable to determine' are considered similar responses). The feet are also examined for the presence of amputations, lesions, and bunions.

For the procedures relevant to this component, please go to the Lower Extremity Disease Procedures Manual on the NHANES website.

## **Quality Assurance & Quality Control**

Health technicians were regularly monitored by MEC supervisory staff and evaluated by experienced trainers and NCHS staff two to four times per year in the field. Retraining sessions were conducted with the technicians periodically and annually to reinforce the proper protocols and technique. Data were also routinely examined by NCHS and contractor staff.

Inspection, calibration, and maintenance of the equipment and supplies were performed on a regular basis. The NHANES Lower Extremity Disease Procedures Manual details the equipment quality control procedures.

For details on the QA/QC process for this component, please refer to the Procedure Manuals on the NHANES website.

## **Data Processing and Editing**

The number of insensate areas on the left (LEALPN) and right (LEARPN) foot were automatically computed by the computer system and verified by NCHS before data release.

*Calculation of number of insensate areas for variables LEALPN and LEARPN:*

Nine variables are used in the calculation of each variable (up to three tests at each of three sites). Each of the three sites is first defined as sensate or insensate.

**Sensate:** A site is defined as sensate if 1) the first response at a site by a participant is correct, or 2) two of three tests at a site yield a correct response.

**Insensate:** A site is considered insensate if there are 1) two incorrect responses, 2) two "unable to determine" responses, or 3) one incorrect and one "unable to determine" response for a site.

After each of the three sites is defined as sensate or insensate, then the total number of insensate sites is computed for each foot (0–3 insensate areas). If all three sites on a foot are sensate, then there are "no insensate areas" and a value of 0 (zero) is recorded. If all three sites have a "could not obtain (CNO)," then there is insufficient information to calculate the number of insensate areas and the recorded value for number of insensate areas will equal –1 (not enough information collected). Additionally, even if one site gets a CNO and the other two are correct or incorrect/unable to determine, the overall value for the

number of insensate areas will still be -1. Missing data at all three sites can also yield a -1.

For further details on how the values for these variables were computed refer to the NHANES Lower Extremity Disease Procedures Manual on the NHANES website.

**Variable-Specific Editing:**

**LEDSCCT1 – PN Section Comment Variable**

This variable is a quality control variable that NCHS used to monitor the LED component and the reasons technicians provided for why an exam was not done or incomplete. Technicians were provided a defined list of reasons but could also select “other, specify” and provide the reason for a not-done or incomplete exam in a separate text field. Several of these “other” reasons were re-coded to one of the specific reasons (1–104), and the remaining were left as “other”.

**Analytic Notes**

For the monofilament testing, the participant can give a correct, incorrect, or “unable to determine” response. “Could not obtain” can be entered by a health technician if they were unable to test the site either because of technician error or some physical limitation of the examinee (e.g., lesions, calluses, bandages, etc. on the test site). A response of “Could not obtain” at any of the three sites on a foot does not provide any information about the sensation at that site.

**LEDSCCT1 – PN Section Comment Variable**

This variable is a quality control variable that allowed NCHS to monitor the component and the reasons technicians provided for why an exam was not done or incomplete. The data were not collected for analytic reasons but for quality control purposes. This variable is provided in the data release file to allow analysts to have some information on missing data and possible reasons for non-response.

Please refer to the Analytic Guidelines for further details on the use of sample weights and other analytic issues at

[http://www.cdc.gov/nchs/about/major/nhanes/nhanes2003-2004/analytical\\_guidelines.htm](http://www.cdc.gov/nchs/about/major/nhanes/nhanes2003-2004/analytical_guidelines.htm).

No data from this component currently exist in the Research Data Center.

## References N/A

### Locator Record

**Title:** Peripheral Neuropathy (LEXPN)

**Contact Number:** 1-866-441-NCHS

**Years of Content:** 2003–2004

**First Published:** December 2005

**Revised:** N/A

**Access Constraints:** None

**Use Constraints:** None

**Geographic Coverage:** National

**Subject:** Lower Extremity Disease

**Record Source:** NHANES 2003–2004

**Survey Methodology:** NHANES 2003–2004 is a stratified multistage probability sample of the civilian non-institutionalized population of the U.S.

**Medium:** NHANES Web site; SAS transport files

**National Health and Nutrition Examination Survey  
Codebook for Data Production (2003-2004)**

**MEC Examination  
Peripheral Neuropathy (PN) Section of the Lower  
Extremity Disease Examination (LEXPN\_C)  
Person level data -- use Examination Weights for  
analysis**

December 2005



<b>SEQN</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Respondent sequence number
<b>English Text:</b> Respondent sequence number	
<b>English Instructions:</b>	

<b>LEDSCCT1</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	PN Section Comment

**English Text:** PN section comment

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
0	None	0	
2	SP refusal	130	
3	No time	42	
4	Physical limitation	105	
5	Communication problem	34	
6	Equipment failure	4	
7	SP ill/emergency	10	
56	Came late/left early	69	
72	Error (technician/software/supply)	5	
84	SP with child	12	
101	Bandage, stocking, or other obstruction	3	
102	Feet extremely calloused	2	
999	Other, specify	18	
.	Missing	2652	

<b>LEALAMP</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Left amputation

**English Text:** Left amputation

**English Instructions:** DESCRIBES LEVEL OF AMPUTATION ON LEFT FOOT

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	None	2749	
2	Entire foot	3	
3	Partial foot	1	
4	Great toe	0	
5	Other toe(s)	0	
6	Great toe and other toe(s)	0	
8	Could not obtain	4	
.	Missing	329	

<b>LEALBUN</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Left bunions

**English Text:** Left bunions

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Yes	734	
2	No	2016	
8	Could not obtain	7	
.	Missing	329	

<b>LEALLES</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Left lesion

**English Text:** Left lesion

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Yes	17	
2	No	2733	
8	Could not obtain	7	
.	Missing	329	

<b>LEALLESS</b>	<b>Target</b>		
	B(40 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>	<b>SAS Label</b>		
	Left lesion site		
<b>English Text:</b> Left lesion site			
<b>English Instructions:</b>			
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Side or bottom of foot	4	
2	Top of toe(s)	5	
3	Other	8	
.	Missing	3069	

<b>LEARAMP</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right amputation

**English Text:** Right amputation

**English Instructions:** LEVEL OF AMPUTATION ON RIGHT FOOT

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	None	2744	
2	Entire foot	6	
3	Partial foot	0	
4	Great toe	0	
5	Other toe(s)	0	
6	Great toe and other toe(s)	1	
8	Could not obtain	2	
.	Missing	333	

<b>LEARBUN</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right bunions

**English Text:** Right bunions

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Yes	807	
2	No	1936	
8	Could not obtain	10	
.	Missing	333	

<b>LEARLES</b>	<b>Target</b>		
	B(40 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>	<b>SAS Label</b>		
	Right lesion		
<b>English Text:</b> Right lesion			
<b>English Instructions:</b>			
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Yes	9	
2	No	2734	
8	Could not obtain	10	
.	Missing	333	

<b>LEARLESS</b>	<b>Target</b>		
	B(40 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>	<b>SAS Label</b>		
	Right lesion site		
<b>English Text:</b> Right lesion site			
<b>English Instructions:</b>			
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Side or bottom of foot	6	
2	Top of toe(s)	1	
3	Other	2	
.	Missing	3077	

<b>LEALPN</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Left Foot - Number of insensate areas

**English Text:** Left Foot - Number of insensate areas

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
0	No insensate areas	2269	
1	1 insensate area	243	
2	2 insensate areas	91	
3	3 insensate areas	60	
-1	Not enough information collected	87	
.	Missing	336	

<b>LEARPN</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right Foot - Number of insensate areas

**English Text:** Right Foot - Number of insensate areas

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
0	No insensate areas	2330	
1	1 insensate area	207	
2	2 insensate areas	75	
3	3 insensate areas	59	
-1	Not enough information collected	73	
.	Missing	342	

<b>LEXLMH11</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Left metatarsal head 1, test 1

**English Text:** Left metatarsal head 1, test 1

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	2205	
2	Incorrect	86	
3	Unable to determine	386	
8	Could not obtain	71	
.	Missing	338	

<b>LEALM1C1</b>	<b>Target</b>					
	B(40 Yrs. to 150 Yrs.)					
<b>Hard Edits</b>	<b>SAS Label</b>					
	Left metatarsal 1 comment, test 1					
<b>English Text:</b> Left metatarsal 1 comment, test 1						
<b>English Instructions:</b> COMMENT REQUIRED IF "Could not obtain" SELECTED.						
Code or Value	Description	Count	Skip to Item			
1	Lesions, bandages, elastic stockings	9				
2	Casts	1				
3	Amputation	0				
4	Callus	10				
5	Technical problem	18				
6	Other	32				
.	Missing	3016				

<b>LEXLHAL1</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Left halux, test 1

**English Text:** Left halux, test 1

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	2355	
2	Incorrect	79	
3	Unable to determine	247	
8	Could not obtain	66	
.	Missing	339	

<b>LEALHAC1</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Left halux comments, test 1

  

<b>English Text:</b> Left halux comments, test 1																																
<b>English Instructions:</b> COMMENT REQUIRED IF "Could not obtain" SELECTED.																																
<table border="1"> <thead> <tr> <th><b>Code or Value</b></th><th><b>Description</b></th><th><b>Count</b></th><th><b>Skip to Item</b></th></tr> </thead> <tbody> <tr> <td>1</td><td>Lesions, bandages, elastic stockings</td><td>12</td><td></td></tr> <tr> <td>2</td><td>Casts</td><td>1</td><td></td></tr> <tr> <td>3</td><td>Amputation</td><td>2</td><td></td></tr> <tr> <td>4</td><td>Callus</td><td>9</td><td></td></tr> <tr> <td>5</td><td>Technical problem</td><td>9</td><td></td></tr> <tr> <td>6</td><td>Other</td><td>33</td><td></td></tr> <tr> <td>.</td><td>Missing</td><td>3020</td><td></td></tr> </tbody> </table>	<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>	1	Lesions, bandages, elastic stockings	12		2	Casts	1		3	Amputation	2		4	Callus	9		5	Technical problem	9		6	Other	33		.	Missing	3020	
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>																													
1	Lesions, bandages, elastic stockings	12																														
2	Casts	1																														
3	Amputation	2																														
4	Callus	9																														
5	Technical problem	9																														
6	Other	33																														
.	Missing	3020																														

<b>LEXLMH51</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Left metatarsal head 5, test 1

**English Text:** Left metatarsal head 5, test 1

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	2310	
2	Incorrect	74	
3	Unable to determine	279	
8	Could not obtain	84	
.	Missing	339	

<b>LEALM5C1</b>	<b>Target</b>		
	B(40 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>	<b>SAS Label</b>		
	Left metatarsal 5 comment, test 1		
<b>English Text:</b> Left metatarsal 5 comment, test 1			
<b>English Instructions:</b> COMMENT REQUIRED IF "Could not obtain" SELECTED.			
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Lesions, bandages, elastic stockings	8	
2	Casts	1	
3	Amputation	0	
4	Callus	14	
5	Technical problem	29	
6	Other	32	
.	Missing	3002	

<b>LEXLMH12</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Left metatarsal head 1, test 2

**English Text:** Left metatarsal head 1, test 2

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	298	
2	Incorrect	33	
3	Unable to determine	156	
8	Could not obtain	3	
.	Missing	2596	

<b>LEALM1C2</b>	<b>Target</b>					
	B(40 Yrs. to 150 Yrs.)					
<b>Hard Edits</b>	<b>SAS Label</b>					
	Left metatarsal 1 comment, test 2					
<b>English Text:</b> Left metatarsal 1 comment, test 2						
<b>English Instructions:</b>						
Code or Value	Description	Count	Skip to Item			
1	Lesions, bandages, elastic stockings	0				
2	Casts	0				
3	Amputation	0				
4	Callus	1				
5	Technical problem	1				
6	Other	1				
.	Missing	3083				

<b>LEXLHAL2</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Left halux, test 2

**English Text:** Left halux, test 2

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	163	
2	Incorrect	30	
3	Unable to determine	140	
8	Could not obtain	2	
.	Missing	2751	

<b>LEALHAC2</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Left halux comments, test 2

**English Text:** Left halux comments, test 2

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Lesions, bandages, elastic stockings	0	
2	Casts	0	
3	Amputation	0	
4	Callus	0	
5	Technical problem	2	
6	Other	0	
.	Missing	3084	

<b>LEXLMH52</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Left metatarsal head 5, test 2

**English Text:** Left metatarsal head 5, test 2

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	211	
2	Incorrect	35	
3	Unable to determine	131	
8	Could not obtain	5	
.	Missing	2704	

<b>LEALM5C2</b>	<b>Target</b>					
	B(40 Yrs. to 150 Yrs.)					
<b>Hard Edits</b>	<b>SAS Label</b>					
	Left metatarsal 5 comment, test 2					
<b>English Text:</b> Left metatarsal 5 comment, test 2						
<b>English Instructions:</b>						
Code or Value	Description	Count	Skip to Item			
1	Lesions, bandages, elastic stockings	0				
2	Casts	0				
3	Amputation	0				
4	Callus	0				
5	Technical problem	5				
6	Other	0				
.	Missing	3081				

<b>LEXLMH13</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Left metatarsal head 1, test 3

**English Text:** Left metatarsal head 1, test 3

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	265	
2	Incorrect	15	
3	Unable to determine	20	
8	Could not obtain	3	
.	Missing	2783	

<b>LEALM1C3</b>	<b>Target</b>					
	B(40 Yrs. to 150 Yrs.)					
<b>Hard Edits</b>	<b>SAS Label</b>					
	Left metatarsal 1 comment, test 3					
<b>English Text:</b> Left metatarsal 1 comment, test 3						
<b>English Instructions:</b>						
Code or Value	Description	Count	Skip to Item			
1	Lesions, bandages, elastic stockings	0				
2	Casts	0				
3	Amputation	0				
4	Callus	0				
5	Technical problem	3				
6	Other	0				
.	Missing	3083				

<b>LEXLHAL3</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Left halux, test 3

**English Text:** Left halux, test 3

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	138	
2	Incorrect	5	
3	Unable to determine	21	
8	Could not obtain	2	
.	Missing	2920	

<b>LEALHAC3</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Left halux comments, test 3

**English Text:** Left halux comments, test 3

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Lesions, bandages, elastic stockings	0	
2	Casts	0	
3	Amputation	0	
4	Callus	0	
5	Technical problem	2	
6	Other	0	
.	Missing	3084	

<b>LEXLMH53</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Left metatarsal head 5, test 3

**English Text:** Left metatarsal head 5, test 3

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	175	
2	Incorrect	11	
3	Unable to determine	34	
8	Could not obtain	2	
.	Missing	2864	

<b>LEALM5C3</b>	<b>Target</b>					
	B(40 Yrs. to 150 Yrs.)					
<b>Hard Edits</b>	<b>SAS Label</b>					
	Left metatarsal 5 comment, test 3					
<b>English Text:</b> Left metatarsal 5 comment, test 3						
<b>English Instructions:</b>						
Code or Value	Description	Count	Skip to Item			
1	Lesions, bandages, elastic stockings	0				
2	Casts	0				
3	Amputation	0				
4	Callus	0				
5	Technical problem	2				
6	Other	0				
.	Missing	3084				

<b>LEXRMH11</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right metatarsal head 1, test 1

**English Text:** Right metatarsal head 1, test 1

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	2382	
2	Incorrect	86	
3	Unable to determine	198	
8	Could not obtain	78	
.	Missing	342	

<b>LEARM1C1</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right metatarsal head 1 comment, test 1

**English Text:** Right metatarsal head 1 comment, test 1

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Lesions, bandages, elastic stockings	7	
2	Casts	1	
3	Amputation	0	
4	Callus	10	
5	Technical problem	29	
6	Other	31	
.	Missing	3008	

<b>LEXRHAL1</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right halux, test 1

**English Text:** Right halux, test 1

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	2408	
2	Incorrect	74	
3	Unable to determine	195	
8	Could not obtain	67	
.	Missing	342	

<b>LEARHAC1</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right halux comment, test 1

**English Text:** Right halux comment, test 1

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Lesions, bandages, elastic stockings	7	
2	Casts	1	
3	Amputation	1	
4	Callus	7	
5	Technical problem	21	
6	Other	30	
.	Missing	3019	

<b>LEXRMH51</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right metatarsal head 5, test 1

**English Text:** Right metatarsal head 5, test 1

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	2354	
2	Incorrect	87	
3	Unable to determine	235	
8	Could not obtain	68	
.	Missing	342	

<b>LEARM5C1</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right metatarsal head 5 comment, test 1

**English Text:** Right metatarsal head 5 comment, test 1

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Lesions, bandages, elastic stockings	8	
2	Casts	1	
3	Amputation	0	
4	Callus	10	
5	Technical problem	18	
6	Other	31	
.	Missing	3018	

<b>LEXRMH12</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right metatarsal head 1, test 2

**English Text:** Right metatarsal head 1, test 2

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	144	
2	Incorrect	35	
3	Unable to determine	131	
8	Could not obtain	3	
.	Missing	2773	

<b>LEARM1C2</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right metatarsal head 1 comment, test 2

**English Text:** Right metatarsal head 1 comment, test 2

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Lesions, bandages, elastic stockings	0	
2	Casts	0	
3	Amputation	0	
4	Callus	0	
5	Technical problem	3	
6	Other	0	
.	Missing	3083	

<b>LEXRHAL2</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right halux, test 2

**English Text:** Right halux, test 2

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	148	
2	Incorrect	25	
3	Unable to determine	114	
8	Could not obtain	3	
.	Missing	2796	

<b>LEARHAC2</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right halux comment, test 2

**English Text:** Right halux comment, test 2

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Lesions, bandages, elastic stockings	0	
2	Casts	0	
3	Amputation	0	
4	Callus	0	
5	Technical problem	2	
6	Other	1	
.	Missing	3083	

<b>LEXRMH52</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right metatarsal head 5, test 2

**English Text:** Right metatarsal head 5, test 2

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	170	
2	Incorrect	34	
3	Unable to determine	132	
8	Could not obtain	4	
.	Missing	2746	

<b>LEARM5C2</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right metatarsal head 5 comment, test 2

**English Text:** Right metatarsal head 5 comment, test 2

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Lesions, bandages, elastic stockings	0	
2	Casts	0	
3	Amputation	0	
4	Callus	0	
5	Technical problem	4	
6	Other	0	
.	Missing	3082	

<b>LEXRMH13</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right metatarsal head 1, test 3

**English Text:** Right metatarsal head 1, test 3

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	122	
2	Incorrect	11	
3	Unable to determine	20	
8	Could not obtain	0	
.	Missing	2933	

<b>LEXRHAL3</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right halux, test 3

**English Text:** Right halux, test 3

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	127	
2	Incorrect	8	
3	Unable to determine	16	
8	Could not obtain	0	
.	Missing	2935	

<b>LEXRMH53</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right metatarsal head 5, test 3

**English Text:** Right metatarsal head 5, test 3

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Correct	148	
2	Incorrect	7	
3	Unable to determine	22	
8	Could not obtain	1	
.	Missing	2908	

<b>LEARM5C3</b>	<b>Target</b>
	B(40 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Right metatarsal head 5 comment, test 3

**English Text:** Right metatarsal head 5 comment, test 3

**English Instructions:**

<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Lesions, bandages, elastic stockings	0	
2	Casts	0	
3	Amputation	0	
4	Callus	0	
5	Technical problem	1	
6	Other	0	
.	Missing	3085	